

MEETING CALL IN NUMBER: (b) (6)

ACCESS CODE: (b) (6)

WEBEX MEETING INFO: (b) (6)

## Attendees

Contractor/Sub-Contractor Staff	Phone	Site	N/P	Government Staff	Phone	Site	N/P
Eric Reitter			X	Rod Zion (USACE)	X		
Spencer Archer	X			Karl Kunas (USACE)	X		
Clint Smith	X	X		Greg Zoeller (USACE)	X	X	
Marc Homme	X	X		Evan Lauterbach (USACE)			X
Khalfani Lee			X	Jeffrey Weiss (USACE)			X
Koorus Tahghighi	X	X		David Sullivan (USACE)	X	X	
Bill Lockard			X	Lisa Scott (USACE)			X
Jose Rosado			X	Kim Prestbo (USEPA)	X		
Dan Hawk			X	Ed Moreen (USEPA)			X
Eddie Gray			X	Karen Dawson (Jacobs)	X		
Dan Tiltges			X	Steve Montagna (Jacobs)		X	X

## 1) Review of Previous Meeting Minutes

- a. Comments were received from the Government and incorporated in the version from 26 July 2018.

## 2) On-Site SBCW Status Review

- a. Soil removal has been conducted up to Sta. 62+00. Existing samples from clean cover stockpiles (first three of five stockpiles) from Sta. 77+00 to Sta. 62+00 were screened with XRF, Zn and Pb elevated levels were measured (>775 ppm). Salvage operations have been stopped at this time. Maximum of 6 inches of material is being removed for salvage per the specification. No lab testing has been performed to date.
- b. Fencing contractor completed permanent fence installation yesterday. Fence is not acceptable as installed, QC deficiencies (mesh and barbed wire was installed on alternating sides of the fence) will need to be resolved.
- c. Jersey barriers are being installed following the fence installation.
- d. Slurry wall test section installation started on Monday 23 July at Sta 0+00. Completed test section yesterday to approximately Sta. 6+50 for excavation, top of backfill was at 4+40. Survey of monitoring points were taken yesterday; preliminary results indicate that there was no movement. Final round of survey will be completed 8/8/18.
- e. The team agrees to use the more plastic silt as the confining layer. The SBCW is being keyed in two feet into this confining layer.
- f. The sand content of the slurry in the trench was noted to start to rise on Monday and was out of spec on Tuesday. We attempted simpler techniques to lower it, but by Wednesday morning it had not improved. The excavation was halted and the slurry was bailed and replaced in the morning; and in the afternoon the de-sander was run and the parameters fell within the specs. The backfill density is around 130 pcf and the slurry density had reached up to 90 pcf, but well within the permissible 15 pcf differential.
- g. Lab indicates that permeability is  $>1 \times 10^{-8}$ . Groundwater samples were also submitted to the lab to evaluate a comparison between use of groundwater and municipal water as permeate.
- h. The team is sending daily updates using a log tracking installed depths and a running total of the additional wall installed each morning. David Sullivan has concurred with quantities to date.
- i. Currently from Sta. 6+50 to Sta. 6+80, the confining layer is being encountered at 34 ft bgs.
- j. No additional debris has been encountered.
- k. Test section is complete. Report will be issued after final survey readings are recorded next week.

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i. Use of end stops was evaluated as part of test section. End stops are not planned for routine operations, the crew prefers to clean out over the backfill. The corners cannot be tested in the test section which is relatively straight.

1. Wood is in regular communication with the Sewer District. Joe Close was on site yesterday and provided a copy of the sewer line inspection video. Joe will be on site next week when the sewer line is air knifed. The Government will be issuing a letter response to the Sewer District and Wood will continue communications with Sewer District. Wood is in the process of procuring the emergency backup materials to the satisfaction of the Sewer District. Government will be notified if Sewer District requests anything required beyond the letter from the Sewer District.

### 3) Submittals

- a. The mix design was “C” coded. Responses to comments on the mix design were posted to RMS and USACE provided responses. The mix design text is being updated and Wood will resubmit the mix design.
- b. Certificates for bentonite were submitted, however the yield point of plasticity did not meet the specifications provided by Amec Foster Wheeler. Following discussions with WyoBen (supplier of bentonite), an ASI was provided by Amec Foster Wheeler’s DOR and approved by USACE. The ASI was accepted by the Government.
- c. Test Section Report will be forthcoming.
- d. On site test reports are being attached to daily logs. These are in the process of being submitted to RMS.
- e. Capping material will be submitted. 4025 can reference previously approved cover.

### 4) Upcoming Work / Schedule Review

#### Week of 7/30:

- Complete slurry wall construction (test section)
- Complete trail fence removal
- Complete jersey barrier positioning
- Platform setup on the north side has been stopped by Wood pending guidance from Wood’s management
- Continue surcharging completed SBCW
- Work is starting at 6 am until further notice
- Work is planned for this Saturday to test additive
- Due to high temperatures, we are monitoring heat stress and workers closely

#### Week of 8/6:

- Continue slurry wall construction in clockwise direction, should be complete to Sta. 12+00 by end of next week; no end stop will be installed
- Start setup for slurry wall construction from Sta. 13+00 to Sta. 14+50 concurrent with Government’s review the test section
- Continue platform setup on the north side

### 5) Quality Control

- a. Marc and USACE conducted an inspection of the fence prior to the inspection by ITD. Deficiencies were noted and will be resolved.

### 6) Safety

- a. No issues.

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**7) Other**

- a. RFI-067 Gradient and Permeant for Permeability Testing was submitted. No exceptions were taken to the gradient. USACE takes exceptions to using municipal water for the permeant as they would prefer that groundwater be used. The response will be posted shortly in RMS. Discussion was held regarding the use of groundwater and which wells the groundwater would come from. Wood submitted groundwater samples (see above).
- b. EPA and the Basin Commission will be touring project sites in the Silver Valley on 8/15. The potential for a stop at the SBCW was discussed and will be discussed again during the meeting on 8/9 to see if the work sequence will allow this to occur.
- c. Wood will submit technical questions to Rod.
- d. Geotech QAR alternates will be on site tomorrow for site orientation.

**ACTION ITEMS**

No.	Item	Responsible	Anticipated Completion Date